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FTD-TT-65-1360

*L. A. Rozin*

Sci/Tech, Indust, Civil &amp;

Marine Engineering

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DESCRIPTORS: \*Vinyl chlorides, Chlorides, Mix-  
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determined and satisfactory agreement was established  
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DESCRIPTORS: \*Hemorrhage, \*Lungs, \*Tuberculosis,  
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Trans. of \*Zhurnal Prikladnoy Khimii (USSR) 1960, v. 33 [no. 5] p. 1052-1059.

The proposed mechanism consists of three steps: (1) the hydrolysis of saltpeter; (2) the thermic decomposition of nitric acid formed as the result of hydrolysis; and (3) interaction of nitrogen dioxide with ammonia which are formed as the result of steps 1 and 2. The reaction of step 3 has a radical character.

The proposed mechanism gives the possibility to substantiate: autocatalysis in the initial step of decomposition and its change to the monomolecular decomposition of saltpeter, the possibility of spontaneous decomposition of saltpeter by its production, and the change of qualitative and quantitative composition of (Chemistry--Physical, 12 May 61) (over)

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